

Project: Garfield County, CO
 Site: NPM G35 496 Pad
 Well: BJU G35 FED 15A-35 496
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.660317
 Longitude: -108.133971
 Ground Level: 8164.0
 RKB @ 8194.0usft (H&P#329)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2451.0	2588.6	Wasatch
5451.0	5830.3	Wasatch G
5796.0	6203.1	Fort Union
7786.0	8313.7	Ohio Creek
7786.0	8313.7	TOG
8031.0	8558.8	Williams Fork
10732.0	11260.8	Cameo
11345.0	11874.0	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well BJU G35 FED 15A-35 496 - Slot 15A-35, True North
 Vertical (TVD) Reference: RKB @ 8194.0usft (H&P#329)
 Section (VS) Reference: Slot - 15A-35(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8194.0usft (H&P#329)
 Calculation Method: Minimum Curvature

WELL DETAILS: BJU G35 FED 15A-35 496

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	14415240.80	8164.0 2447097.80	39.660317	-108.133971 15A-35

PROJECT DETAILS: Garfield County, CO

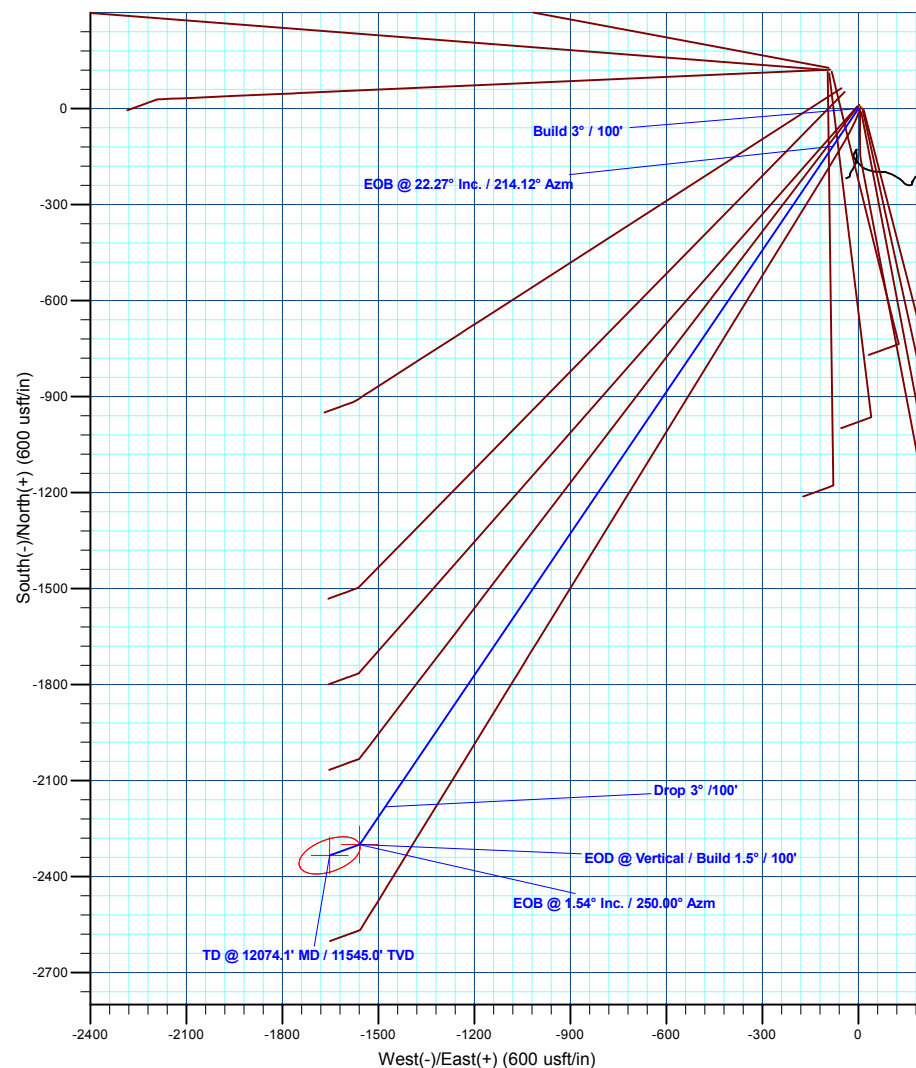
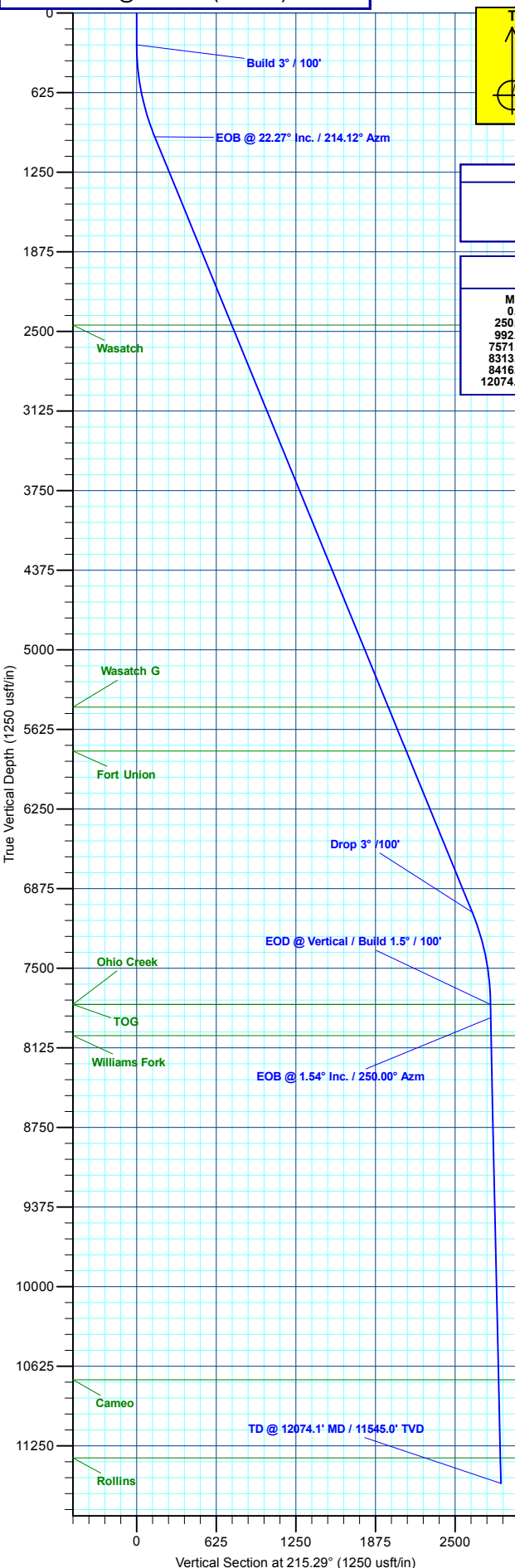
Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
15A-35 - OHCR	7786.0	-2299.7	-1558.2	14412892.49	2445613.83	39.654006	-108.139503
15A-35 - PBHL	11545.0	-2333.9	-1652.2	14412855.30	2445521.00	39.653912	-108.139836

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
992.2	22.27	214.12	973.7	-117.9	-79.9	3.00	214.12	142.4	EOB @ 22.27° Inc. / 214.12° Azm
7571.5	22.27	214.12	7062.3	-2181.8	-1478.3	0.00	0.00	0.0	Drop 3° / 100'
8313.7	0.00	0.00	7786.0	-2299.7	-1558.2	3.00	180.00	2634.9	EOD @ Vertical / Build 1.5° / 100'
8416.7	1.55	250.00	7889.0	-2300.2	-1559.5	1.50	250.00	2778.5	EOB @ 1.54° Inc. / 250.00° Azm
12074.1	1.55	250.00	11545.0	-2333.9	-1652.2	0.00	0.00	2859.5	TD @ 12074.1° MD / 11545.0° TVD



Plan: Design #2 (BJU G35 FED 15A-35 496/Wellbore #1)

Created By: Will Jircik Date: 13:04, June 07 2021



Caerus Oil & Gas

Garfield County, CO

NPM G35 496 Pad

BJU G35 FED 15A-35 496 - Slot 15A-35

Wellbore #1

Plan: Design #2

KLX Well Planning Report

07 June, 2021



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 15A-35 496 - Slot 15A-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 15A-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Project	Garfield County, CO		
Map System:	Universal Transverse Mercator (US Survey Fee	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		
Map Zone:	Zone 12N (114 W to 108 W)		

Site		NPM G35 496 Pad			
Site Position:		Northing:	14,415,365.20 usft	Latitude:	39.660667
From:	Map	Easting:	2,447,000.80 usft	Longitude:	-108.134301
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.83 °

Well	BJU G35 FED 15A-35 496 - Slot 15A-35					
Well Position	+N/-S	-127.4 usft	Northing:	14,415,240.80 usft	Latitude:	39.660317
	+E/-W	93.0 usft	Easting:	2,447,097.80 usft	Longitude:	-108.133971
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	8,164.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	12/11/2019	9.48	65.85	51,253.00000000

Design	Design #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	215.29	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.00	0.00	
992.2	22.27	214.12	973.7	-117.9	-79.9	3.00	3.00	0.00	214.12	
7,571.5	22.27	214.12	7,062.3	-2,181.8	-1,478.3	0.00	0.00	0.00	0.00	
8,313.7	0.00	0.00	7,786.0	-2,299.7	-1,558.2	3.00	-3.00	0.00	180.00	15A-35 - OHCR
8,416.7	1.55	250.00	7,889.0	-2,300.2	-1,559.5	1.50	1.50	-106.79	250.00	
12,074.1	1.55	250.00	11,545.0	-2,333.9	-1,652.2	0.00	0.00	0.00	0.00	15A-35 - PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 15A-35 496 - Slot 15A-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 15A-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 3° / 100'									
250.0	0.00	0.00	250.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	1.50	214.12	300.0	-0.5	-0.4	0.7	3.00	3.00	0.00
400.0	4.50	214.12	399.8	-4.9	-3.3	5.9	3.00	3.00	0.00
500.0	7.50	214.12	499.3	-13.5	-9.2	16.3	3.00	3.00	0.00
600.0	10.50	214.12	598.0	-26.5	-17.9	32.0	3.00	3.00	0.00
700.0	13.50	214.12	695.8	-43.7	-29.6	52.8	3.00	3.00	0.00
800.0	16.50	214.12	792.4	-65.1	-44.1	78.6	3.00	3.00	0.00
900.0	19.50	214.12	887.5	-90.7	-61.4	109.5	3.00	3.00	0.00
EOB @ 22.27° Inc. / 214.12° Azm									
992.2	22.27	214.12	973.7	-117.9	-79.9	142.4	3.00	3.00	0.00
1,000.0	22.27	214.12	980.9	-120.3	-81.5	145.3	0.00	0.00	0.00
1,100.0	22.27	214.12	1,073.4	-151.7	-102.8	183.2	0.00	0.00	0.00
1,200.0	22.27	214.12	1,166.0	-183.1	-124.1	221.1	0.00	0.00	0.00
1,300.0	22.27	214.12	1,258.5	-214.5	-145.3	259.0	0.00	0.00	0.00
1,400.0	22.27	214.12	1,351.0	-245.8	-166.6	296.9	0.00	0.00	0.00
1,500.0	22.27	214.12	1,443.6	-277.2	-187.8	334.8	0.00	0.00	0.00
1,600.0	22.27	214.12	1,536.1	-308.6	-209.1	372.6	0.00	0.00	0.00
1,700.0	22.27	214.12	1,628.7	-339.9	-230.3	410.5	0.00	0.00	0.00
1,800.0	22.27	214.12	1,721.2	-371.3	-251.6	448.4	0.00	0.00	0.00
1,900.0	22.27	214.12	1,813.8	-402.7	-272.8	486.3	0.00	0.00	0.00
2,000.0	22.27	214.12	1,906.3	-434.0	-294.1	524.2	0.00	0.00	0.00
2,100.0	22.27	214.12	1,998.8	-465.4	-315.3	562.1	0.00	0.00	0.00
2,200.0	22.27	214.12	2,091.4	-496.8	-336.6	600.0	0.00	0.00	0.00
2,300.0	22.27	214.12	2,183.9	-528.2	-357.9	637.8	0.00	0.00	0.00
2,400.0	22.27	214.12	2,276.5	-559.5	-379.1	675.7	0.00	0.00	0.00
2,500.0	22.27	214.12	2,369.0	-590.9	-400.4	713.6	0.00	0.00	0.00
Wasatch									
2,588.6	22.27	214.12	2,451.0	-618.7	-419.2	747.2	0.00	0.00	0.00
2,600.0	22.27	214.12	2,461.6	-622.3	-421.6	751.5	0.00	0.00	0.00
2,700.0	22.27	214.12	2,554.1	-653.6	-442.9	789.4	0.00	0.00	0.00
2,800.0	22.27	214.12	2,646.6	-685.0	-464.1	827.3	0.00	0.00	0.00
2,900.0	22.27	214.12	2,739.2	-716.4	-485.4	865.1	0.00	0.00	0.00
3,000.0	22.27	214.12	2,831.7	-747.7	-506.6	903.0	0.00	0.00	0.00
3,100.0	22.27	214.12	2,924.3	-779.1	-527.9	940.9	0.00	0.00	0.00
3,200.0	22.27	214.12	3,016.8	-810.5	-549.2	978.8	0.00	0.00	0.00
3,300.0	22.27	214.12	3,109.4	-841.8	-570.4	1,016.7	0.00	0.00	0.00
3,400.0	22.27	214.12	3,201.9	-873.2	-591.7	1,054.6	0.00	0.00	0.00
3,500.0	22.27	214.12	3,294.4	-904.6	-612.9	1,092.5	0.00	0.00	0.00
3,600.0	22.27	214.12	3,387.0	-936.0	-634.2	1,130.3	0.00	0.00	0.00
3,700.0	22.27	214.12	3,479.5	-967.3	-655.4	1,168.2	0.00	0.00	0.00
3,800.0	22.27	214.12	3,572.1	-998.7	-676.7	1,206.1	0.00	0.00	0.00
3,900.0	22.27	214.12	3,664.6	-1,030.1	-697.9	1,244.0	0.00	0.00	0.00
4,000.0	22.27	214.12	3,757.2	-1,061.4	-719.2	1,281.9	0.00	0.00	0.00
4,100.0	22.27	214.12	3,849.7	-1,092.8	-740.5	1,319.8	0.00	0.00	0.00
4,200.0	22.27	214.12	3,942.2	-1,124.2	-761.7	1,357.6	0.00	0.00	0.00
4,300.0	22.27	214.12	4,034.8	-1,155.5	-783.0	1,395.5	0.00	0.00	0.00
4,400.0	22.27	214.12	4,127.3	-1,186.9	-804.2	1,433.4	0.00	0.00	0.00
4,500.0	22.27	214.12	4,219.9	-1,218.3	-825.5	1,471.3	0.00	0.00	0.00
4,600.0	22.27	214.12	4,312.4	-1,249.7	-846.7	1,509.2	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 15A-35 496 - Slot 15A-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 15A-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,700.0	22.27	214.12	4,405.0	-1,281.0	-868.0	1,547.1	0.00	0.00	0.00
4,800.0	22.27	214.12	4,497.5	-1,312.4	-889.2	1,585.0	0.00	0.00	0.00
4,900.0	22.27	214.12	4,590.0	-1,343.8	-910.5	1,622.8	0.00	0.00	0.00
5,000.0	22.27	214.12	4,682.6	-1,375.1	-931.7	1,660.7	0.00	0.00	0.00
5,100.0	22.27	214.12	4,775.1	-1,406.5	-953.0	1,698.6	0.00	0.00	0.00
5,200.0	22.27	214.12	4,867.7	-1,437.9	-974.3	1,736.5	0.00	0.00	0.00
5,300.0	22.27	214.12	4,960.2	-1,469.2	-995.5	1,774.4	0.00	0.00	0.00
5,400.0	22.27	214.12	5,052.8	-1,500.6	-1,016.8	1,812.3	0.00	0.00	0.00
5,500.0	22.27	214.12	5,145.3	-1,532.0	-1,038.0	1,850.1	0.00	0.00	0.00
5,600.0	22.27	214.12	5,237.8	-1,563.4	-1,059.3	1,888.0	0.00	0.00	0.00
5,700.0	22.27	214.12	5,330.4	-1,594.7	-1,080.5	1,925.9	0.00	0.00	0.00
5,800.0	22.27	214.12	5,422.9	-1,626.1	-1,101.8	1,963.8	0.00	0.00	0.00
Wasatch G									
5,830.3	22.27	214.12	5,451.0	-1,635.6	-1,108.2	1,975.3	0.00	0.00	0.00
5,900.0	22.27	214.12	5,515.5	-1,657.5	-1,123.0	2,001.7	0.00	0.00	0.00
6,000.0	22.27	214.12	5,608.0	-1,688.8	-1,144.3	2,039.6	0.00	0.00	0.00
6,100.0	22.27	214.12	5,700.6	-1,720.2	-1,165.6	2,077.5	0.00	0.00	0.00
6,200.0	22.27	214.12	5,793.1	-1,751.6	-1,186.8	2,115.3	0.00	0.00	0.00
Fort Union									
6,203.1	22.27	214.12	5,796.0	-1,752.6	-1,187.5	2,116.5	0.00	0.00	0.00
6,300.0	22.27	214.12	5,885.6	-1,782.9	-1,208.1	2,153.2	0.00	0.00	0.00
6,400.0	22.27	214.12	5,978.2	-1,814.3	-1,229.3	2,191.1	0.00	0.00	0.00
6,500.0	22.27	214.12	6,070.7	-1,845.7	-1,250.6	2,229.0	0.00	0.00	0.00
6,600.0	22.27	214.12	6,163.3	-1,877.1	-1,271.8	2,266.9	0.00	0.00	0.00
6,700.0	22.27	214.12	6,255.8	-1,908.4	-1,293.1	2,304.8	0.00	0.00	0.00
6,800.0	22.27	214.12	6,348.4	-1,939.8	-1,314.3	2,342.6	0.00	0.00	0.00
6,900.0	22.27	214.12	6,440.9	-1,971.2	-1,335.6	2,380.5	0.00	0.00	0.00
7,000.0	22.27	214.12	6,533.4	-2,002.5	-1,356.9	2,418.4	0.00	0.00	0.00
7,100.0	22.27	214.12	6,626.0	-2,033.9	-1,378.1	2,456.3	0.00	0.00	0.00
7,200.0	22.27	214.12	6,718.5	-2,065.3	-1,399.4	2,494.2	0.00	0.00	0.00
7,300.0	22.27	214.12	6,811.1	-2,096.6	-1,420.6	2,532.1	0.00	0.00	0.00
7,400.0	22.27	214.12	6,903.6	-2,128.0	-1,441.9	2,570.0	0.00	0.00	0.00
7,500.0	22.27	214.12	6,996.2	-2,159.4	-1,463.1	2,607.8	0.00	0.00	0.00
Drop 3° /100'									
7,571.5	22.27	214.12	7,062.3	-2,181.8	-1,478.3	2,634.9	0.00	0.00	0.00
7,600.0	21.41	214.12	7,088.8	-2,190.6	-1,484.3	2,645.5	3.00	-3.00	0.00
7,700.0	18.41	214.12	7,182.8	-2,218.8	-1,503.4	2,679.6	3.00	-3.00	0.00
7,800.0	15.41	214.12	7,278.4	-2,242.9	-1,519.7	2,708.7	3.00	-3.00	0.00
7,900.0	12.41	214.12	7,375.5	-2,262.8	-1,533.2	2,732.7	3.00	-3.00	0.00
8,000.0	9.41	214.12	7,473.7	-2,278.4	-1,543.8	2,751.6	3.00	-3.00	0.00
8,100.0	6.41	214.12	7,572.7	-2,289.8	-1,551.5	2,765.4	3.00	-3.00	0.00
8,200.0	3.41	214.12	7,672.3	-2,296.9	-1,556.3	2,773.9	3.00	-3.00	0.00
8,300.0	0.41	214.12	7,772.3	-2,299.7	-1,558.2	2,777.3	3.00	-3.00	0.00
EOD @ Vertical / Build 1.5° / 100' - Ohio Creek - TOG									
8,313.7	0.00	0.00	7,786.0	-2,299.7	-1,558.2	2,777.3	3.00	-3.00	0.00
8,400.0	1.29	250.00	7,872.3	-2,300.1	-1,559.1	2,778.1	1.50	1.50	0.00
EOB @ 1.54° Inc. / 250.00° Azm									
8,416.7	1.55	250.00	7,889.0	-2,300.2	-1,559.5	2,778.5	1.50	1.50	0.00
8,500.0	1.55	250.00	7,972.2	-2,301.0	-1,561.6	2,780.3	0.00	0.00	0.00
Williams Fork									
8,558.8	1.55	250.00	8,031.0	-2,301.5	-1,563.1	2,781.6	0.00	0.00	0.00
8,600.0	1.55	250.00	8,072.2	-2,301.9	-1,564.2	2,782.5	0.00	0.00	0.00
8,700.0	1.55	250.00	8,172.2	-2,302.8	-1,566.7	2,784.7	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 15A-35 496 - Slot 15A-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 15A-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,800.0	1.55	250.00	8,272.1	-2,303.7	-1,569.2	2,787.0	0.00	0.00	0.00	
8,900.0	1.55	250.00	8,372.1	-2,304.6	-1,571.8	2,789.2	0.00	0.00	0.00	
9,000.0	1.55	250.00	8,472.1	-2,305.6	-1,574.3	2,791.4	0.00	0.00	0.00	
9,100.0	1.55	250.00	8,572.0	-2,306.5	-1,576.8	2,793.6	0.00	0.00	0.00	
9,200.0	1.55	250.00	8,672.0	-2,307.4	-1,579.4	2,795.8	0.00	0.00	0.00	
9,300.0	1.55	250.00	8,771.9	-2,308.3	-1,581.9	2,798.0	0.00	0.00	0.00	
9,400.0	1.55	250.00	8,871.9	-2,309.3	-1,584.4	2,800.3	0.00	0.00	0.00	
9,500.0	1.55	250.00	8,971.9	-2,310.2	-1,587.0	2,802.5	0.00	0.00	0.00	
9,600.0	1.55	250.00	9,071.8	-2,311.1	-1,589.5	2,804.7	0.00	0.00	0.00	
9,700.0	1.55	250.00	9,171.8	-2,312.0	-1,592.0	2,806.9	0.00	0.00	0.00	
9,800.0	1.55	250.00	9,271.8	-2,312.9	-1,594.6	2,809.1	0.00	0.00	0.00	
9,900.0	1.55	250.00	9,371.7	-2,313.9	-1,597.1	2,811.3	0.00	0.00	0.00	
10,000.0	1.55	250.00	9,471.7	-2,314.8	-1,599.6	2,813.6	0.00	0.00	0.00	
10,100.0	1.55	250.00	9,571.7	-2,315.7	-1,602.2	2,815.8	0.00	0.00	0.00	
10,200.0	1.55	250.00	9,671.6	-2,316.6	-1,604.7	2,818.0	0.00	0.00	0.00	
10,300.0	1.55	250.00	9,771.6	-2,317.6	-1,607.2	2,820.2	0.00	0.00	0.00	
10,400.0	1.55	250.00	9,871.5	-2,318.5	-1,609.8	2,822.4	0.00	0.00	0.00	
10,500.0	1.55	250.00	9,971.5	-2,319.4	-1,612.3	2,824.6	0.00	0.00	0.00	
10,600.0	1.55	250.00	10,071.5	-2,320.3	-1,614.8	2,826.9	0.00	0.00	0.00	
10,700.0	1.55	250.00	10,171.4	-2,321.3	-1,617.4	2,829.1	0.00	0.00	0.00	
10,800.0	1.55	250.00	10,271.4	-2,322.2	-1,619.9	2,831.3	0.00	0.00	0.00	
10,900.0	1.55	250.00	10,371.4	-2,323.1	-1,622.4	2,833.5	0.00	0.00	0.00	
11,000.0	1.55	250.00	10,471.3	-2,324.0	-1,625.0	2,835.7	0.00	0.00	0.00	
11,100.0	1.55	250.00	10,571.3	-2,324.9	-1,627.5	2,837.9	0.00	0.00	0.00	
11,200.0	1.55	250.00	10,671.3	-2,325.9	-1,630.0	2,840.2	0.00	0.00	0.00	
Cameo										
11,260.8	1.55	250.00	10,732.0	-2,326.4	-1,631.6	2,841.5	0.00	0.00	0.00	
11,300.0	1.55	250.00	10,771.2	-2,326.8	-1,632.6	2,842.4	0.00	0.00	0.00	
11,400.0	1.55	250.00	10,871.2	-2,327.7	-1,635.1	2,844.6	0.00	0.00	0.00	
11,500.0	1.55	250.00	10,971.1	-2,328.6	-1,637.6	2,846.8	0.00	0.00	0.00	
11,600.0	1.55	250.00	11,071.1	-2,329.6	-1,640.2	2,849.0	0.00	0.00	0.00	
11,700.0	1.55	250.00	11,171.1	-2,330.5	-1,642.7	2,851.2	0.00	0.00	0.00	
11,800.0	1.55	250.00	11,271.0	-2,331.4	-1,645.2	2,853.5	0.00	0.00	0.00	
Rollins										
11,874.0	1.55	250.00	11,345.0	-2,332.1	-1,647.1	2,855.1	0.00	0.00	0.00	
11,900.0	1.55	250.00	11,371.0	-2,332.3	-1,647.8	2,855.7	0.00	0.00	0.00	
12,000.0	1.55	250.00	11,471.0	-2,333.2	-1,650.3	2,857.9	0.00	0.00	0.00	
TD @ 12074.1' MD / 11545.0' TVD										
12,074.1	1.55	250.00	11,545.0	-2,333.9	-1,652.2	2,859.5	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
15A-35 - OHCR - hit/miss target - Shape - Point	0.00	0.00	7,786.0	-2,299.7	-1,558.2	14,412,892.49	2,445,613.83	39.654006	-108.139503	
15A-35 - PBHL - plan hits target center - Ellipse (radii L100.0 W50.0 on 250.00 azi)	0.00	0.00	11,545.0	-2,333.9	-1,652.2	14,412,855.30	2,445,521.00	39.653912	-108.139837	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well BJU G35 FED 15A-35 496 - Slot 15A-35
Company:	Caerus Oil & Gas	TVD Reference:	RKB @ 8194.0usft (H&P#329)
Project:	Garfield County, CO	MD Reference:	RKB @ 8194.0usft (H&P#329)
Site:	NPM G35 496 Pad	North Reference:	True
Well:	BJU G35 FED 15A-35 496	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,588.6	2,451.0	Wasatch			
5,830.3	5,451.0	Wasatch G			
6,203.1	5,796.0	Fort Union			
8,313.7	7,786.0	Ohio Creek			
8,313.7	7,786.0	TOG			
8,558.8	8,031.0	Williams Fork			
11,260.8	10,732.0	Cameo			
11,874.0	11,345.0	Rollins			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
250.0	250.0	0.0	0.0	Build 3° / 100'
992.2	973.7	-117.9	-79.9	EOB @ 22.27° Inc. / 214.12° Azm
7,571.5	7,062.3	-2,181.8	-1,478.3	Drop 3° / 100'
8,313.7	7,786.0	-2,299.7	-1,558.2	EOD @ Vertical / Build 1.5° / 100'
8,416.7	7,889.0	-2,300.2	-1,559.5	EOB @ 1.54° Inc. / 250.00° Azm
12,074.1	11,545.0	-2,333.9	-1,652.2	TD @ 12074.1' MD / 11545.0' TVD